

Application No. 10/575,640 - - - - 2

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-41 (canceled).

Claim 42 (previously presented): An isolated fusion protein which comprises an antigen, a transmembrane region and a cytoplasmic region of an MHC molecule, and has the amino acid residue sequence of SEQ ID NO: 12.

Claim 43 (previously presented): The fusion protein of claim 42 additionally comprising a leader sequence.

Claim 44 (previously presented): The fusion protein of claim 43 wherein the leader sequence is derived from a MHC molecule.

Claim 45 (previously presented): The fusion protein of claim 43 wherein the fusion protein has the following arrangement of segments: N-terminus-leader sequence/antigen/transmembrane region/cytoplasmic region-C-terminus.